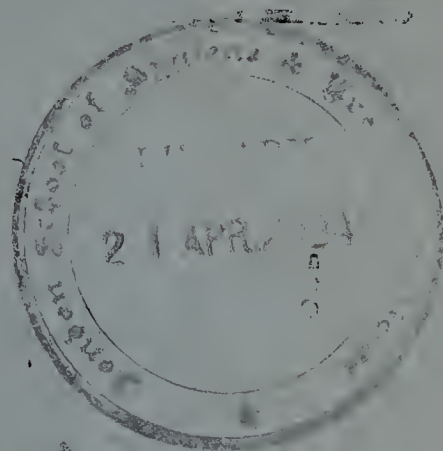


AC.2 33

ANNUAL RETURNS
OF THE
PATNA MENTAL HOSPITAL
IN
BIHAR AND ORISSA
WITH BRIEF NOTES

FOR THE YEAR

1922



PATNA:

SUPERINTENDENT, GOVERNMENT PRINTING, BIHAR AND ORISSA.

1923.

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PATNA MENTAL HOSPITAL
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|---|---|

FROM

COLONEL H. AUSTEN-SMITH, C.I.E., M.B., K.H.S., I.M.S.,
INSPECTOR-GENERAL OF CIVIL HOSPITALS,
BIHAR AND ORISSA,

TO

THE SECRETARY TO THE GOVERNMENT OF BIHAR AND ORISSA,
LOCAL SELF-GOVERNMENT DEPARTMENT.

Dated Patna, the 11th April 1923.

SIR,

I HAVE the honour to submit, for the information of Government, the prescribed annual statistical returns of the Patna Mental Hospital together with Notes by Lieutenant-Colonel H. R. Dutton, I.M.S., on the working of that institution during the year 1922. The Superintendent's notes are full and explanatory and no further comments from me on the returns are, therefore, necessary.

2. One point, however, is worthy of notice here. Since the opening of the European Mental Hospital at Ranchi in the year 1918, the returns of this institution as well as those of the Patna Mental Hospital were dealt with in my office on their receipt from the Superintendents and printed and published together. But owing to the transfer, from the 1st July 1922, of the control and management of the Ranchi European Mental Hospital to the Board of Trustees appointed under the Ranchi Mental Hospital Act (Act No. XIII) of 1922, it has been decided by the Local Government that henceforth the report of the Ranchi European Mental Hospital should be submitted to them by the Managing Committee of the Board of Trustees and that of the Patna Mental Hospital should be dealt with in my office as was done before the opening of the Ranchi Mental Hospital. The returns of the Patna Mental Hospital only have, therefore, been dealt with in this report.

3. The construction of the buildings required in connection with the establishment of the Mental Hospital for Indian Insanes at Ranchi has been progressing rapidly and it is hoped that within a couple of years the Indian Mental Hospital will be an accomplished fact and ready for receiving the Indian Insanes who are at present confined in the Patna Mental Hospital in this province as also those residing in the Mental Hospitals in Bengal.

I have the honour to be,

SIR,

Your most obedient servant,

H. AUSTEN-SMITH, C.I.E., K.H.S., M.B.,
Col., I.M.S.,

*Inspector-General of Civil Hospitals,
Bihar and Orissa.*

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NOTES

ON THE WORKING OF THE

PATNA MENTAL HOSPITAL

FOR THE YEAR

1922.

STATEMENT I.

Capacity.—A fresh measurement of the wards was made and it was found that there was not sufficient accommodation for 330 male patients allowing 50 square feet for each man. The hospital had also not sufficient accommodation for the sick lunatics. One of the sleeping wards was, therefore, utilized for the invalids. The accommodation on the male side was in consequence reduced from 330 to 275. The accommodation for female patients continued at 66.

Population.—The number of patients at the commencement of the year was 271, i.e. 220 males and 51 females—48 males and 2 females were admitted and 2 males were re-admitted. The daily average strength, excluding cases under observation, was 218·11 for males and 50·45 for females, i.e. 268·56 in all. The maximum number confined in one night was 228 males and 53 females. There was no overcrowding.

The total number of recoveries was 38 against 9 in the previous year. The percentage of cure to daily average strength was 14·15 against 3·35 in 1921. One was transferred to friends having improved and 2 were so transferred not improved against 4 and 3 respectively in 1921. There was no case of escape.

Sickness and Mortality.—452 patients viz., 379 males and 73 females, were treated for diseases other than mental. The daily average sick was 44·97 against 57·50 in 1921. The proportion per cent of sick to daily average strength was 16·59 against 21·04 in 1921; excluding the epileptic cases, the daily average sick was 27·02 against 35·46 in 1921.

There were 21 deaths against 28 in the previous year. The percentage of death to daily average strength (including cases under observation) was 7·74 against 10·43 in 1921. The causes of death were Tuberculosis 8, Ankylostomiasis—5, Anæmia—2, Dysentery—1, Influenza—1, Myocarditis—1, Myocardial Degeneration—1, Pneumonia—1, Abscess of Liver (multiple)—1. A perusal of the undernoted statement will show that the death-rate was lowest since 1912:—

1912	...	...	...	...	...	10·56
1913	...	...	...	...	...	14·90
1914	...	...	...	...	...	13·86
1915	...	...	...	...	...	13·00
1916	...	...	...	...	...	11·28
1917	...	...	...	...	...	11·68
1918	...	...	...	...	...	11·62
1919	...	...	...	...	...	17·11
1920	...	...	...	...	...	9·51
1921	...	...	...	...	...	10·43
1922	...	...	...	...	...	7·74

This is due to general improvement of the health of the patients produced mainly by the systematic treatment of Ankylostomiasis and to Ascarides. Preventive vaccines were used against Small-pox, Cholera, Influenza and Dysentery

vaccine was used for the treatment of cases of Bacillary Dysentery with great benefit. Prophylactic quinine was used from August to December with the effect that there was not a single case of Malaria. There was no epidemic disease in the year under review.

STATEMENT IA.

Observation.—There were 2 cases under observation at the commencement of the year, 16 cases were admitted or re-admitted during the year for observation. Of these 13 were certified and admitted into the Mental Hospital as patients, one was certified insane, but was released by order of the Magistrate, 3 were released as uncertifiable and one was certified insane, but died before final orders were received.

STATEMENT II.

Criminal Lunatics.—There were 103 males and 15 females at the commencement of the year. 23 males and 2 females were admitted and one male was re-admitted. The daily average strength was 105·44 males and 15·71 females against 101·96 males and 14·36 females in 1921. 5 males and one female were transferred from the criminal to the non-criminal list on the expiry of sentence. 10 males and 3 females were discharged and 8 males died.

STATEMENT III.

Race and Residence.—Forty Hindus, 7 Muhammadans, 1 Indian Christian and 4 of other castes were admitted during the year.

Of those admitted, 14 belonged to Chota Nagpur Division, 13 to Patna Division, 10 to Bhagalpur Division, 6 to Tirhut Division, 5 to Orissa and 2 to Bengal. The home districts of 2 persons were not known.

STATEMENT IV.

Previous Occupation.—Of those admitted 13 were cultivators, 5 day labourers, 3 beggars and 2 constables and the rest were of various other occupations.

STATEMENT V.

Ages.—Of those admitted in 1922, 2 were aged under 20, 33 between 20 to 40, 16 between 40 to 60 and one above 60.

STATEMENT VI.

Types of Insanity.—The principal forms of insanity of patients admitted during the year were Mania, Dementia Precox, Paranoia and Confusional Insanity.

STATEMENT VII.

Ætiological Factors.—Toxic causes, namely Ganja and Alcohol, were the chief ætiological factors and associated conditions leading to insanity amongst the patients admitted during 1922.

STATEMENT VIII.

Finance.—The total expenditure, exclusive of the amount received from paying patients and the miscellaneous receipts, was Rs. 64,061-1-6 against Rs. 57,117-8-0. Increase is mainly due to the increased expenditure for diet and establishment. The average cost per head, exclusive of Public Works Department charges, was Rs. 222-5-7 against Rs. 202-9-9 in 1921. The Public Works Department charges per head was Rs. 13-15-4 against Rs. 8-3-6 in 1921. Rs. 590-8-0 against Rs. 502-3-0 were received from the paying patients.

STATEMENT IX.

Manufacturing Department.—The total value of articles received from the manufacturing department, exclusive of the cost of raw materials, was Rs. 2,359-4-11 against Rs. 3,096-9-5. The decrease is due to the fact that the

work in the manufacturing department was curtailed for want of funds. 128·90 persons on the average were daily employed in the manufacturing department.

Rupees 96-5-0 was spent in providing amusement to the lunatics.

STATEMENT X.

Establishment.—Lieutenant Colonel H. R. Chatterton, M.D., F.R.C.S., I.M.S., was Superintendent from 1st January 1922 to 15th March 1922. He was succeeded by Lieutenant Colonel H. R. Dutton, M.R.C.P., (Lond.), D.T.M., and H. (Camb.), I.M.S., who remained in charge to the end of the year.

Temporary Civil Assistant Surgeon Doctor Pradoshnendu Gupta, M.B., was Deputy Superintendent from 1st January 1922 to 6th May 1922 and again from 28th August 1922 to the end of the year. It was greatly owing to his care and skill in looking to the health and welfare of the lunatics that there was no escape and that the general health of the lunatics was so satisfactory. From 16th May 1922 to 27th August 1922 Civil Assistant Surgeon Doctor Prakash Chandra Das, M.B., was Deputy Superintendent. Sub-Assistant Surgeon Jogesh Chandra Guha was the Sub-Assistant Surgeon on duty throughout the year. He was careful and assiduous in his care of the sick and carried out many microscopical examinations for Ankylostomiasis, Malarial parasites, Filariasis, etc., and performed all his duties in a very satisfactory manner.

H. R. DUTTON, M.R.C.P. (LOND.),

D.T.M. AND H. (CAMB.),

Lt. Col.,-I.M.S.,

Superintendent, Patna Mental Hospital.

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APPENDIX

STATEMENT

Showing the Admissions, Discharges, etc., of Patients in the Hospital for Mental Diseases at

1			2			3			4			5			6															
Years.			Remained on 1st January.			Admitted.			Re-admitted.			Total population.			Discharged—															
															A			B						C			D			
															Cured.			Transferred to friends.						Otherwise.			Total.			
Improved.			Not improved.																											
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.							
1922	...	220	51	271	48	2	50	2	...	2	270	53	323	31	7	38	1	...	1	2	...	2	...	...	...	34	7	41
1921	...	208	46	254	49	6	55	7	...	7	264	52	316	9	...	9	4	...	4	3	...	3	1	...	1	17	...	17		
1920	...	204	46	250	50	7	57	5	1	6	259	54	313	24	3	27	2	...	2	5	1	6	2	...	2	33	4	37		

N.B.—Observation cases are excluded from this statement.

The capacity of the Patna Mental Hospital is at 50 superficial feet per patient,
The maximum number of Patients confined on any one night was

No. I.

Patna, during the year 1922 and the two previous years.

7			8			9			10			11											
Died.			Remaining on 31st December.			Daily average strength.			Daily average sick.			Percentage to—											
												Daily average strength.						Admissions.					
												A			B			C			D		
												Cured.			Died.			Cured.			Died.		
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
20	...	20	216	46	262	218.11	50.45	268.56	36.90	7.28	44.18	14.21	13.87	14.15	9.12	...	7.45	62.00	350.00	73.08	40.00	...	38.46
27	1	28	220	51	271	220.38	48.10	268.48	46.82	10.63	57.50	4.08	...	3.35	12.21	2.08	10.43	16.07	...	14.51	48.21	16.67	45.61
18	4	22	208	46	254	205.73	44.59	250.32	35.27	9.15	44.42	11.66	6.73	10.79	8.75	8.95	8.79	53.33	50.00	52.94	40.00	66.67	43.14

for males 275	for females 66	Total 341.
males 228	females 53	Total 281.

STATEMENT No. 1A.

Showing cases admitted for observation in the Hospital for Mental Diseases at Patna during 1922 and the two previous years.

Name of Mental Hospital.	Year.	Remained on 1st January.	Admitted.	Re-admitted.	Certified and admitted into Mental Hospital.	Certified and released under section 14, Act IV of 1912.	Released as uncertifiable.	Died or remaining on 31st December.	Remarks.
1	2	3	4	5	6	7	8	9	10
Hospital for Mental Diseases at Patna.	1922	2	15	1	13	1	3	(a) 1	(a) Died.
	1921	2	10	1	7	1	3	(b) 2	(b) Certified insane but reception orders not received.
	1920	5	19	1	12	...	9	(c) 4	(c) Includes two deaths.

The following table shows the results of the experiments made with the apparatus described in the preceding page.

1		2		3		4		5		6		7		8	
1		2		3		4		5		6		7		8	
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

STATEMENT II.

STATEMENT

Return of Criminal Lunatics in the Hospital for Mental Diseases at Patna

1		2			3			4			5		
Years.		Remaining on 1st January.			Admitted.			Re-admitted.			Total		
		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1922	...	103	15	118	23	2	25	1	...	1	127	17	144
1921	...	102	15	117	17	1	18	3	...	3	122	16	138
1920	...	110	16	126	20	2	22	4	...	4	134	18	152

No. II.

for the year 1922 and the two previous years.

6			7			8			9		
Discharged, transferred, etc.			Died.			Remaining on 31st December.			Daily average strength.		
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
(a)	(b)										
15	4	19	9	...	9	103	13	116	105.44	15.71	121.15
6	...	6	13	1	14	103	15	118	101.96	14.36	116.32
22	3	25	10	...	10	102	15	117	105.00	13.96	118.96

(a) Includes 5 cases transferred to Non-criminal List.

(b) Includes 1 case transferred to Non-criminal List.

The observation cases are excluded from this statement.

STATEMENT No. III.

Return showing the Religion, Sex and Residence of patients admitted into the Hospital for Mental Diseases at Patna during the year 1922 and the two previous years.

1	2			3			4						5			6		
DISTRICT.	Hindus.			Muhammadans.			CHRISTIANS.						Other castes.			TOTAL.		
							Europeans and Anglo-Indian.			Indians.								
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Angul	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Bhagalpur	1	...	1	2	...	2	...	...	...	...	...	...	...	...	...	3	...	3
Champaran	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
Cuttack	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
Darbhanga	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
Gaya	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
Manbhum	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Midnapur	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Monghyr	3	...	3	1	...	1	...	...	...	...	...	...	...	...	...	4	...	4
Muzaffarpur	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Nadia	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Palamau	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
Patna	6	...	6	2	...	2	...	...	...	...	...	...	...	...	...	8	...	8
Puri	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
Purnea	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Ranchi	3	...	3	1	...	1	...	...	...	1	...	1	2	1	3	7	1	8
Santal Parganas	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
Saran	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Shahabad	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3
Singhbhum	2	...	2	...	...	...	...	...	...	...	...	...	1	...	1	3	...	3
Unknown	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	2	...	2
Total for {	1922	...	39	1	40	7	...	...	...	1	...	1	3	1	4	50	2	52
	1921	...	45	2	47	9	2	11	...	...	2	2	4	...	...	56	6	62
	1920	...	42	5	47	6	2	8	...	...	3	1	4	4	...	55	8	63

N.B.—These figures exclude observation cases.

STATEMENT No. IV.

Return showing the previous occupation of patients admitted into the Hospital for Mental Diseases at Patna during the year 1922, and the two previous years.

1			2								
			1922			1921			1920		
Occupation of Patients.			Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Beggar	...	...	3	...	3	4	...	4	4	1	5
Bhisty	...	...	...	...	...	1	...	1	...	...	...
Blacksmith	...	...	1	...	1	...	...	...	...	...	...
Carpenter	...	...	1	...	1	...	...	...	1	...	1
Chaprasi	...	...	1	...	1	...	...	...	...	...	...
Chaukidar	...	...	1	...	1	...	...	...	...	...	...
Clerk	...	...	...	...	...	...	...	...	2	...	2
Constable	...	...	2	...	2	3	...	3	2	...	2
Contractor	...	...	...	...	...	...	...	...	1	...	1
Cook	...	...	1	...	1	...	...	...	2	...	2
Cooly	...	...	1	...	1	...	...	...	1	...	1
Coachman	...	...	...	...	...	1	...	1	...	...	...
Cowherd	...	...	1	...	1	...	...	...	...	...	...
Cultivator	...	...	13	...	13	15	...	15	16	...	16
Day Labourer	...	...	5	...	5	7	2	9	6	3	9
Dependant	...	...	2	1	3	...	...	...	...	...	...
Driver	...	...	...	...	...	...	...	...	1	...	1
Excise Sub-Inspector	...	...	1	...	1	...	...	...	...	...	...
Fisherman	...	...	...	...	...	1	...	1	...	...	...
Gangman	...	...	...	...	...	...	...	...	1	...	1
Goldsmith	...	...	1	...	1	1	...	1	2	...	2
Grocer	...	...	1	...	1	1	1	2	...	...	...
Hawker	...	...	...	...	...	1	...	1	...	...	...
Mason	...	...	1	...	1	1	...	1	...	...	...
Maid-servant	...	...	...	...	...	...	1	1	...	...	...
Priest	...	...	...	...	...	1	...	1	...	...	...
Carried over	...	...	36	1	37	37	4	41	39	4	43

STATEMENT No. 1V—concl'd.

1		2								
		1922			1921			1920		
Occupation of Patients.		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Brought forward	...	36	1	37	37	4	41	39	4	43
Sadhu	...	...	...	...	1	...	1	1	...	1
Scented oil maker	...	...	...	...	1	...	1	...	...	...
Sepoy	...	...	...	...	...	...	...	1	...	1
Servant (menial)	...	1	...	1	1	...	1	1	...	1
Shepherd	...	...	...	...	...	1	1	...	...	...
Steno-Typist	...	...	...	...	...	...	...	1	...	1
Student	...	1	...	1	...	...	...	...	...	...
Sugar maker	...	...	...	...	1	...	1	...	...	...
Survey Amin	...	...	...	...	1	...	1	...	...	...
Sweeper	...	1	...	1	...	...	...	...	...	...
Tailor	...	1	...	1	...	...	...	1	...	1
Unknown	...	10	1	11	12	1	13	11	4	15
Washerman	...	...	...	...	1	...	1	...	...	...
Zamindar	...	...	...	...	1	...	1	...	...	...
Total	...	50	2	52	56	6	62	55	8	63

N.B.—Observation cases are excluded from this statement.

STATEMENT No. V.

Return showing the Ages of Patients admitted into the Hospital for Mental Diseases at Patna during the year 1922, and the two previous years.

1			2			3			4			5			6		
			UNDER 20.			20 TO 40.			40 TO 60.			UPWARDS OF 60.			TOTAL.		
YEAR.			Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1922	...	...	2	...	2	32	1	33	15	1	16	1	...	1	50	2	52
1921	...	...	2	1	3	35	4	39	17	1	18	2	...	2	56	6	62
1920	...	...	1	2	3	39	5	44	14	1	15	1	...	1	55	8	63

N. B.—Observation cases are excluded from this statement.

STATEMENT

Showing the Types of Insanity of the patients in the Hospital for

1	2						3																				
CASES.	I. Errors of Development.												II. Disorder of														
	Idiocy.			Imbecility.			Mania (acute, intermittent, chronic) associated with										Melancholia										
							Pregnancy.	Parturition Lactation (puerperal).		Epilepsy.		Old age.		Other forms		Agitated.		Stuporous.									
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.						
	Remaining on 31st December 1921 ...	4	...	4	5	...	5	2	2	9	3	12	2	...	2	86	37	123	1	1
Admitted during the year 1922	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24	1	25	...	...	...	...	...	...
Total treated ...	4	...	4	5	...	5	...	...	...	2	2	9	3	12	2	...	2	110	38	148	...	...	...	...	1	1
Discharged—																											
Recovered ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	7	25	...	...	...	...	...	...
Improved ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...
Not improved ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...
Otherwise ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Escaped ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Died ...	1	...	1	...	...	...	...	...	...	...	...	3	...	3	...	...	...	5	...	5	...	...	...	...	...	...
Remaining on 31st December 1923	3	...	3	5	...	5	...	...	...	2	2	6	3	9	1	...	1	86	31	117	...	...	...	...	1	1

Mental Diseases at Patna during the year 1922.

4															5			6						7		
functions.																										
acute, intermittent, chronic).															Circular insanity. alternating insanity.			Stupor.						149. Delusional insanity (acute or chronic). peranoia.		
Hypochondriacal.			Associated with pregnancy.			Associated with parturition and lactation (puerperal.)			Associated with old age.			Other forms.						Anergic.			Delusional.					
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
...	...	...	...	...	...	...	...	...	1	...	1	19	...	19	7	1	8	12	...	12	1	...	1	4	...	4
...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	7	1	8	3	...	3	...	...	...	2	...	2
...	...	...	...	...	...	...	...	...	1	...	1	20	...	20	14	2	16	15	...	15	1	...	1	6	...	6
...	...	...	...	...	...	...	...	...	...	...	...	3	...	3	1	...	1	3	...	3	...	...	...	...	...	...
...
...
...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2	...	2	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	1	...	1	17	...	17	12	2	14	20	...	10	1	...	1	6	...	6

Showing the Types of Insanity of the patients in the Hospital

7	8	9	10	11	12	13															
III.—Insanity of infective, toxic and other general																					
CASES.	Acute delirium.			Insanity associat- ed with acute infective diseases.			Confusional insanity.			Syphilitic insanity.						Insanity due to alcohol.			Insanity due to Cannabis Indica or its pre- parations or deri- vatives.		
										General paralysis of the insane.			Dementia from local cerebral syphilis.								
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Remaining on 31st December 1921.	2	...	2	...	...	...	4	...	4	4	...	4
Admitted during the year 1922	4	...	4	...	...	...	...	...	...	...	...	...	...	...	...
Total treated	4	...	4	2	...	2	...	...	...	4	...	4	4	...	4
Discharged—																					
Recovered	1	...	1	...	...	...	...	...	...	...	...	...	2	...	2
Improved
Not improved
Otherwise
Escaped
Died	1	...	1
Remaining on 31st December 1922	3	...	3	2	...	2	...	...	...	4	...	4	1	...	1

N.B. Observation cases are

No. VI.—concluded

for Mental Diseases at Patna during the year 1922.

14			15			16															17			18			
ond itions.																											
Insanity from other causes.			Dementia praecox.			Dementia (primary or secondary).															Declared to have recovered, or not yet diagnosed.			Total.			
						Secondary or terminal dementia.			From organic cerebral diseases other than syphilis			From arterial disease : senile.			From epilepsy.			From injury.									
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	
...	37	5	42	...	...	...	3	...	3	7	...	7	...	...	...	13	2	15	220	51	271	
...	5	...	5	...	...	...	...	...	...	1	...	1	1	...	1	...	...	...	2	...	2	50	2	52	
...	5	...	5	37	5	42	...	...	...	4	...	4	8	...	8	...	...	...	15	2	17	270	53	323	
...	3	...	3	31	7	38		
...	1	...	1		
...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2		
...		
...		
...	2	...	2	...	...	...	4	...	4	1	...	1	...	...	...	...	...	20	...	20		
...	4	...	4	35	5	40	...	...	...	...	...	...	7	...	7	...	...	...	12	2	14	216	46	262	

excluded from this statement.

STATEMENT VII.

Showing Ætiological Factors and Associated Conditions in the patients admitted in the Hospital for Mental Diseases at Patna during the year 1922.

Ætiological Factors and Associated Conditions.	Predisposing cause.			Exciting cause.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1	2	3	4	5	6	7	8	9	10
<i>A.—Heredity—</i>									
1. Insane ...	3	...	3	1	...	1	4	...	4
2. Epileptic ...	...	...	...	...	...	...	...	...	...
3. Neurotic ...	...	...	...	...	...	...	...	...	...
4. Marked eccentricity	1	...	1	...	...	...	1	...	1
5. Alcoholism ...	...	...	...	...	...	...	...	...	...
Total ...	4	...	4	1	...	1	5	...	5
<i>B.—Mental instability, as revealed by—</i>									
1. Moral deficiency	3	...	3	...	...	...	3	...	3
2. Congenital mental defect.	...	...	...	...	...	...	...	...	...
3. Eccentricity ...	3	...	3	...	...	...	3	...	3
4. Previous attack	9	2	11	...	...	...	9	2	11
Total ...	15	2	17	...	...	...	15	2	17
<i>C.—Deprivation of special senses—</i>									
1. Smell or taste ...	1	...	1	...	...	...	1	...	1
2. Hearing ...	1	...	1	...	...	...	1	...	1
3. Sight ...	...	...	...	...	...	...	...	...	...
Total ...	2	...	2	...	...	...	2	...	2
<i>D.—Critical periods—</i>									
1. Puberty and adolescence.	14	...	14	2	...	2	16	...	16
2. Climacteric ...	...	...	...	1	...	1	1	...	1
3. Senility ...	4	...	4	1	...	1	5	...	5
Total ...	18	...	18	4	...	4	22	...	22
Carried over ...	39	2	41	5	...	5	44	2	46

STATEMENT VII—*contd.*

Showing *Ætiological Factors and Associated Conditions* in the patients admitted in the Hospital for Mental Diseases at Patna during the year 1922.

<i>Ætiological Factors and Associated Conditions.</i>	Predisposing cause.			Exciting cause.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1	2	3	4	5	6	7	8	9	10
Brought forward ...	39	2	41	5	...	5	44	2	46
<i>E.—Child-bearing—</i>									
1. Pregnancy ...	...	...	...	...	...	...	...	...	...
2. Parturition ...	...	...	...	...	...	...	...	...	...
3. Lactation ...	...	...	...	1	...	1	1	...	1
Total ...	...	...	...	1	...	1	1	...	1
<i>F.—Mental stress—</i>									
1. Sudden ...	...	...	...	5	...	5	5	...	5
2. Prolonged ...	3	...	3	3	...	3	6	...	6
Total ...	3	...	3	8	...	8	11	...	11
<i>G.—Diseases due to disorders of nutrition or metabolism.</i>									
1. Malnutrition (in early life).	...	...	...	...	...	...	...	...	...
2. Privation and starvation.	...	...	...	...	...	...	...	...	...
3. Over-exertion (physical).	...	...	...	...	...	...	...	...	...
4. Sexual excess ...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...	...
<i>H.—Infective and Toxic—</i>									
1. Alcohol ...	3	...	3	4	1	5	7	1	8
2. Opium and morphia ...	...	...	...	1	...	1	1	...	1
3. Cocaine ...	...	...	...	...	...	...	...	...	...
4. Cannabis Indica ...	2	...	2	16	...	16	18	...	18
5. Acute infective diseases.	1	...	1	1	...	1	2	...	2
6. Tuberculosis ...	...	...	...	...	...	...	...	...	...
7. Syphilis acquired ...	1	...	1	...	...	...	1	...	1
Do. congenital	...	...	...	...	...	...	...	...	...
8. Plague ...	...	...	...	...	...	...	...	...	...
9. Influenza ...	...	...	...	...	...	...	...	...	...
10. Other toxins ...	...	...	...	...	...	...	...	...	...
Total ...	7	...	7	22	1	23	29	1	30
Carried over ...	49	2	51	36	1	37	85	3	88

STATEMENT VII—*concl'd.*

Showing Aetiological Factors and Associated Conditions in the patients admitted in the Hospital for Mental Diseases at Patna during the year 1922.

Aetiological Factors and Associated Conditions.	Predisposing cause.			Exciting cause.			Total.		
	Males.	Females	Total.	Males.	Females.	Total.	Males.	Females	Total.
1	2	3	4	5	6	7	8	9	10
Brought forward ...	49	2	51	36	1	37	85	3	88
<i>I.—Traumatic—</i>									
1. Injuries ...	...	...	...	...	...	...	...	...	...
2. Operations ...	...	...	...	...	...	...	...	...	...
3. Sunstroke ...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...	...
<i>J.—Diseases of the nervous System—</i>									
1. Diseases of the brain ...	...	...	...	...	...	...	...	...	...
2. Do. of the spinal cord and nerves. ...	...	...	...	...	...	...	...	...	...
3. Epilepsy ...	...	...	...	1	...	1	1	...	1
4. Other defined neuroses ...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	1	...	1	1	...	1
<i>K.—Other bodily afflic- tions—</i>									
1. Diseases of the blood ...	...	...	...	...	...	...	...	...	...
2. „ of the circula- tory system. ...	...	...	...	...	...	...	...	...	...
3. „ of the valves of the heart. ...	...	...	...	...	...	...	...	...	...
4. „ of the diges- tive system. ...	...	...	...	...	...	...	...	...	...
5. „ of the urinary organs. ...	...	...	...	...	...	...	...	...	...
6. „ generative sys- tem (exclud- ing syphilis). ...	...	...	...	...	...	...	...	...	...
7. Other general affec- tions. ...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...	...
Total of figures under heads "A" to "K"	49	2	51	37	1	38	86	3	89
<i>L.—No cause assignable</i>	...	...	...	11	...	11	11	...	11
<i>M.—No cause ascertained. History defective</i>	...	...	...	...	...	...	...	...	...
GRAND TOTAL ...	49	2	51	48	1	49	97	3	100

NOTE.—In 48 patients (47 males and 1 female), there were both exciting and predisposing causes, thus accounting for a total of 100 against 52 new admissions.

N. B.—Observation cases are excluded from this statement.

STATEMENT VIII.

Showing the Cash Account of the Hospital for Mental Diseases

1	2	3	4	5	6	7	8	9	10	11		
YEAR	RECEIPTS.											
	Received from Treasury.	Received from paying patients.	Value of stores received from the Manufacturing Department less cost of raw materials.	Book receipts, i.e., the total of expenditure entered in columns 19, 20 and 21.	Miscellaneous receipts.	Total.	Establishment.		Diet.	Clothing and bedding		
							Establishment proper.	Superintendence.				
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		
1922	55,733 12 11	590 8 0	2,359 4 11	5,967 15 8	82 1 6	64,733 11 0	22,022 1 2	6,901 10 0	21,759 9 2	3,583 5 0
1921	49,854 2 5	502 3 0	3,096 9 5	4,166 12 2	...	57,619 11 0	19,982 1 0	6,442 0 0	16,775 2 2	3,148 13 0
1920	48,140 2 1	432 0 3	1,643 5 2	4,017 8 11	56 12 0	54,292 13 2	16,353 12 8	5,400 0 0	20,996 4 10	1,609 4 0

MENT No. VIII.

at Patna for the year 1922 and the two previous years.

12	13	14	15	16	17	18	19	20	21	22	23
CHARGES.											REMARKS.
12	CONTINGENCIES.			Remitted to Treasury on account of paying patients, etc.	Miscellane- ous items.	Total of columns 8—17.	BOOK CHARGES.			Total of columns 18—21.	
Bazar medicines.	Contingencies proper.	Repairs and mainten- ance.	Rates and taxes.				Charges on account of work done by the Public Works Department.	Cost of printed forms and stationery.	Cost of English stores, medi- cines, etc.		
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.				Rs. a. p.	Rs. a. p.	Rs. a. p.		
221 11 0	2,615 11 3	20 0 0	969 2 3	590 8 0	82 1 6	58,765 11 4	3,783 14 0	51 2 2	2,132 15 6	64,733 11 0	
482 3 0	5,129 7 5	21 15 0	969 2 3	502 3 0	...	53,452 14 10	2,215 13 6	87 5 8	1,863 9 0	57,619 11 0	
396 14 0	3,347 10 3	507 15 6	1,180 10 0	432 0 3	56 12 9	50,275 4 3	1,849 8 0	58 12 2	2,109 4 9	54,292 13 2	

STATEMENT No. IX.

Showing the sanctioned Establishment of the Hospital for Mental Diseases at Patna as it stood on the 31st December 1922.

1							2		3
ESTABLISHMENT.							Number.		Monthly wages.
									Rs. A. P.
Superintendent	...	...	...	...	...	...	1	...	(a) 250 0 0
Deputy Superintendent	...	...	...	...	...	...	1	...	(b) 250 0 0
Overseer	...	...	...	...	...	...	1	...	125 0 0
Matron	...	...	...	...	...	...	1	...	38 0 0
Sub-Assistant Surgeon	...	...	...	...	...	...	1	...	(c) 120 0 0
Compounder	...	...	...	...	...	...	1	...	24 0 0
Clerk	...	...	...	...	...	...	1	...	52 0 0
Head Male Keeper	...	...	...	...	...	...	1	...	35 0 0
Assistant Head Male Keeper	...	...	...	...	...	...	1	...	30 0 0
Ditto	...	...	...	...	...	...	} 2 at Rs. 24 each	...	48 0 0
Ditto	...	...	...	...	...	...		...	0 0
Ditto	...	...	...	...	...	...		...	22 0 0
Head Female Keeper	...	...	...	...	...	...	1	...	33 0 0
Male Keepers	...	...	...	...	...	...	15 at Rs. 20 each		300 0 0
							3 at Rs. 19		57 0 0
							5 at Rs. 18		90 0 0
							7 at Rs. 17		119 0 0
							4 at Rs. 16		64 0 0
							2 at Rs. 15		30 0 0
Female Keepers	...	...	...	...	...	...	1	...	19 0 0
							5 at Rs. 18 each		90 0 0
							1	...	17 0 0
							1	...	15 0 0
Temporary Male Keepers	...	...	...	...	...	...	6 at Rs. 15 each		90 0 0
Female Hospital Attendant	...	...	...	...	...	...	1	...	9 8 0
Harkara	...	...	...	...	...	...	1	...	12 0 0
Darwan	...	...	...	...	...	...	1	...	10 0 0
Male Ward Attendant	...	...	...	...	...	...	1	...	10 0 0
Ditto	...	...	...	...	...	...	1	...	9 8 0
Carpenter	...	...	...	...	...	...	1	...	24 0 0
Mistri	...	...	...	...	...	...	1	...	(d) 20 0 0
Cook	...	...	...	...	...	...	1	...	12 0 0
Mali	...	...	...	...	...	...	1	...	10 0 0
Mali	...	...	...	...	...	...	1	...	9 0 0
Barber	...	...	...	...	...	...	1	...	10 0 0
Washerman	...	...	...	...	...	...	2 at Rs. 15 each		30 0 0
Bhisti	...	...	...	...	...	...	2 at Rs. 10 each		20 0 0
Head Sweeper	...	...	...	...	...	...	1	...	11 0 0
Male Sweeper	...	...	...	...	...	...	1	...	11 0 0
Ditto	...	...	...	...	...	...	7 at Rs. 10 each		70 0 0
Female Sweepers	...	...	...	...	...	...	5 at Rs. 10		50 0 0
Total							.....		2,246 0 0
Daily average number of males including observation cases.							220.61		.....
Daily average number of females including observation cases.							50.48		.....
Proportion of	Jamadars to males					...	1 to 44.12		.....
	Jamadarins to females					...	1 to 50.48		.....
	Male Keepers to males					...	(e) 1 to 6.13		.....
	Female Keepers to females					...	1 to 6.31		.....

(a) Allowance.

(b) { Pay Rs. 200.
Allowance Rs. 50.(c) { Pay Rs. 100.
Allowance Rs. 20.

(d) Vacant.

(e) Temporary male keepers have not been counted in calculating this figure as they are employed on special duty.

STATEMENT X

STATEMENT

Showing Receipts and Expenditure on account of Manufactures in the Hospital

1	2			3	4	5	6	7	8
YEAR.	MEAN POPULATION.			CREDITS.					
	Males.	Females.	Total.	Cash paid into Treasury for articles sold.	Value of manufactured goods made over to Asylum for Asylum purposes.	Value of raw materials in store at the end of the year.	Value of manufactured goods in store at the end of the year.	Value of plant and machinery in store at the end of the year.	Total Credits.
				Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1922 ...	218.11	50.45	268.56	59 14 0	5,980 1 11	470 3 3	89 1 3	809 11 0	7,408 15 5
1921 ...	220.38	48.10	268.48	138 15 9	6,795 15 0	641 3 9	120 15 9	1,219 11 0	8,916 13 3
1920 ...	205.77	44.63	250.40	397 15 3	7,323 11 4	2,293 8 4	324 10 1	1,351 3 0	11,691 0 0

STATEMENT

Abstract of Cash Account of the Hospital for Mental Diseases at Patna

YEAR.	Establishment.		Diet.		Bedding and clothing.		Medicines.		Contingencies.	
	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.
	1	2	3	4	5	6	7	8	9	10
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1922 ...	28,923 11 2	106 11 1	21,759 9 2	80 4 3	3,583 5 0	13 3 6	2,354 10 6	8 11 0	2,635 11 3	9 11 7
1921 ...	26,424 1 0	97 15 11	16,775 2 2	62 3 5	3,168 13 0	11 10 11	2,345 12 0	8 11 2	5,151 6 5	19 1 8
1920 ...	21,753 12 8	86 14 0	20,696 4 10	83 13 7	1,609 4 0	6 6 10	2,439 2 9	9 11 10	3,855 9 9	15 6 4

STATEMENT

Statement showing the number of paying patients treated in the Hospital for Mental

YEAR.	Remaining on the 1st January.			Admitted.			Re-admitted.			Total treated		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
	1	2	3	4	5	6	7	8	9	10	11	12
1922 ...	3	...	3	3	...	3	...	...	...	6	...	6
1921 ...	3	...	3	1	...	1	...	...	...	4	...	4(a)
1920 ...	2	...	2	2	...	2	...	...	...	4	...	4(a)

(a) Inclusive of one patient paying at a lower rate

N.B.—Observation cases have been

No. X.

for Mental Diseases at Patna during the year 1922 and the two previous years.

9	10	11	12	13	14	15	16	17	18		
DEBITS.							RESULTS.		REMARKS.		
Value of manufactured goods in store on 1st January.	Value of raw materials in store on 1st January.	Value of plant and machinery in store on 1st January.	Raw materials purchased.	Contin- gencies of manufac- ture.	All other charges.	Total debits.	Excess of credits or profits.	Excess of debits or loss.	Average number employed.		
									Males.	Females.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.				
120 15 9	641 3 9	1,219 11 0	3,496 13 0	3 10 9	Nil	5,482 6 3	1,926 9 2	Nil	102.75	26.15	128.90
324 10 1	2,293 8 4	1,351 3 0	2,047 1 0	26 5 9	Nil	6,042 12 2	2,874 1 1	Nil	103.76	25.93	129.69
267 13 6	4,443 0 3	1,217 8 0	3,597 5 9	17 9 3	Nil	9,543 4 9	2,147 11 3	Nil	96.67	25.88	122.55

A.

for the year 1922 and the two previous years.

Miscellaneous.		Grand Total.		Charges on account of works done by the Public Works Department.		Rates and Taxes.		Cost of printing and stationery.		Total expenditure including all heads of expenditure.	
Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.
12	13	14	15	16	17	18	19	20	21	22	23
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
82 1 6	0 4 10	59,339 0 7	213 14 3	3,783 14 0	13 15 4	939 2 3	3 9 2	51 2 2	0 3 0	64,143 3 0	236 9 9
...	...	53,845 2 7	199 11 1	2,215 13 6	8 3 6	969 2 3	3 9 6	87 5 8	0 5 2	57,117 8 0	211 13 3
61 0 0	0 3 11	50,715 2 0	202 8 6	1,849 8 0	7 6 2	1,180 10 0	4 11 6	58 12 2	0 3 9	53,904 0 2	214 13 11

B.

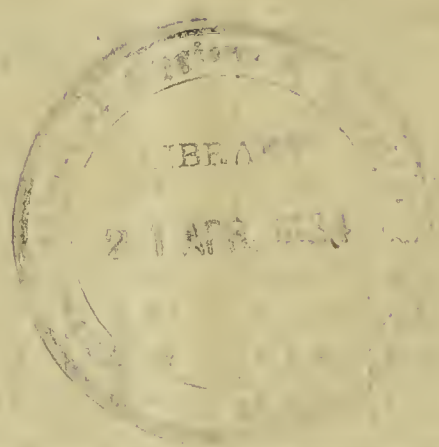
Diseases at Patna during the year 1922 and the two previous years.

Discharged and transferred.			Died.			Remaining on the 31st December.			Daily average strength.			REMARKS.
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	
14	15	16	17	18	19	20	21	22	23	24	25	26
2	...	2	...	...	...	4	...	4	2.98	...	2.98	
1	...	1	...	...	...	3	...	3	2.26	...	2.26	
1	...	1	...	...	...	3	...	3	2.33	...	2.33	

than that prescribed in Bihar and Orissa Lunatic Asylum Manual, 1918.

excluded from this statement.

B. & O. G. P. (I. G. C. H.) No. 50-220-7-6-1923-H. P.G.



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